

**DAVID WELLER, Ph.D.**

**PEER-REVIEWED PUBLICATIONS AND BOOK CHAPTERS**

Bradford, A.L., **Weller**, D.W., Wade, P.R., Burdin, A.M., Brownell, R.L., Jr. In Press. Population abundance and growth rate of western gray whales *Eschrichtius robustus*. *Endangered Species Research*.

Bradford, A.L., **Weller**, D.W., Ivashchenko, Y.V., Burdin, A.M. and Brownell, R.L., Jr. In Press. Anthropogenic scarring of western gray whales (*Eschrichtius robustus*). *Marine Mammal Science*.

Lowther, J.L., Archer, F.I. and **Weller**, D.W. Submitted. Genetic variation of coastal and offshore bottlenose dolphins, *Tursiops truncatus*, in the eastern North Pacific Ocean. *Marine Mammal Science*.

**Weller**, D.W. Submitted. Predation on Marine Mammals. *In: W.F. Perrin, B. Würsig, and H. Thewissen (Eds.). Encyclopedia of Marine Mammals. Second Edition. Academic Press, San Diego, CA.*

Bradford, A.L., Wade, P.R., **Weller**, D.W., Burdin, A.M., Ivashchenko, Y.V., Tsidulko, G.A. and Brownell, R.L., Jr. 2006. Survival estimates of western gray whales (*Eschrichtius robustus*) incorporating individual heterogeneity and temporary emigration. *Marine Ecology Progress Series* 315:293-307

Bradford, A.L and **Weller**, D.W. 2005. Spotted seal haul-out patterns in a coastal lagoon on Sakhalin Island, Russia. *Mammal Study* 30: 145-149.

Hillman, G.R., Würsig, B., Gailey, G.A., Kehtarnavaz, N., Drobyshevsky, A., Araabi, B.N., Tagare, H.D. and **Weller**, D.W. 2003. Computer-assisted photo-identification of individual marine vertebrates: A multi-species system. *Aquatic Mammals* (29)1:242-252.

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**Weller**, D.W., Burdin, A.M., Würsig, B., Taylor, B.L., and Brownell, R.L., Jr. 2002. The western gray whale: a review of past exploitation, current status and potential threats. *Journal of Cetacean Research and Management* 4(1):7-12.

**Weller**, D.W., Reeve, S.H., Burdin, A.M., Würsig, B., and Brownell, R.L., Jr. 2002. A note on the spatial distribution of western gray whales (*Eschrichtius robustus*) off Sakhalin Island, Russia in 1998. *Journal of Cetacean Research and Management* 4(1): 13-17.

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**Weller**, D.W. and Brownell, R.L., Jr. 2000. Gray whale, *Eschrichtius robustus*: Asian or Western Pacific Population. *In: The World Conservation Union (IUCN) Species Survival Commission 2000 Red List of Threatened Species. Gland, Switzerland and Cambridge, United Kingdom. [Available from <http://www.redlist.org/>]*

**Weller**, D.W., Würsig, B., Lynn, S.K. and Schiro, A.J. 2000. Preliminary findings on the occurrence and site fidelity of photo-identified sperm whales (*Physeter macrocephalus*) in the northern Gulf of Mexico. *Gulf of Mexico Science*, 1: 35-39.

**Weller**, D.W., Würsig, B., Bradford, A.L., Burdin, A.M., Blokhin, S.A., Minakuchi, H. and Brownell, R. L. Jr. 1999. Gray whales (*Eschrichtius robustus*) off Sakhalin Island, Russia: seasonal and annual patterns of occurrence. *Marine Mammal Science*, 15: 1208-1227.

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Defran, R.H., **Weller**, D.W., Kelly, D. and Espinosa, M. 1999. Range characteristics of Pacific coast bottlenose dolphins (*Tursiops truncatus*) in the Southern California Bight. *Marine Mammal Science*, 15: 381-393.

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**Weller**, D.W., Cockcroft V., Würsig, B., Lynn, S. and Fertl, D. 1997. Behavioral responses of bottlenose dolphins to remote biopsy sampling and observations of surgical biopsy wound healing. *Aquatic Mammals*, 23: 49-58.

**Weller**, D.W., Würsig, B., Whitehead, H., Norris, J., Lynn, S., Davis, R., Clauss, N. and Brown, P. 1996. Observations of an interaction between sperm whales and short-finned pilot whales in the Gulf of Mexico. *Marine Mammal Science*, 12: 588-594.

**Weller**, D. W., Schiro, A., Cockcroft, V. and Wang, D. 1996. First account of a humpback whale (*Megaptera novaeangliae*) in Texas waters, with a re-evaluation of historic records from the Gulf of Mexico. *Marine Mammal Science*, 12: 133-137.

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## INTERNATIONAL WHALING COMMISSION PAPERS

**Weller**, D.W., Bradford, A.L., Lang, A.R., Kim, H.W., Krukova, N., Tsidulko, G.A., Burdin, A.M. and Brownell, R.L., Jr. 2007. Status of western gray whales of Sakhalin Island, Russia in 2006. Paper SC/59/BRG19 presented to the IWC Scientific Committee.

Bradford, A.L., **Weller**, D.W., Ivashchenko, Y.V., Burdin, A.M. and Brownell, R.L., Jr. 2007. Seasonal and annual variation in body condition of western gray whales off northeast Sakhalin Island, Russia: a preliminary report. Paper SC/59/BRG22 presented to the IWC Scientific Committee. 18pp.

Bradford, A.L., **Weller**, D.W., Ivashchenko, Y.V., Burdin, A.M. and Brownell, R.L., Jr. 2007. Anthropogenic scarring of western gray whales (*Eschrichtius robustus*). Paper SC/59/BRG37 presented to the IWC Scientific Committee. 15pp.

Brownell, R.L., Kasuya, T. and **Weller**, D.W. 2007. Entrapment of western gray whales in Japanese fishing gear: population threats. Paper SC/59/BRG36 presented to the IWC Scientific Committee. 9pp.

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Rowles, T., Bradford, A., Calambokidis, J., Falcone, E., Gabriele, C., Gaydos, J., Krahn, M., Mattila, D., Norberg, B., Raverty, S., Robbins, J., Rojas-Bracho, L., Rolland, R., Rosa, C., Rotstein, D., Urban, J., **Weller**, D. and Yamaguchi, M. 2007. Draft report of the NOAA Large Whale Health Assessment Workshop held in Olympia, Washington on 8-9 December 2006. Paper SC/59/DW2 presented to the IWC Scientific Committee. 7pp.

**Weller**, D.W., Rickards, S.H., Bradford, A.L., Burdin, A.M. and Brownell, R.L., Jr. 2006. The influence of 1997 seismic surveys on the behavior of western gray whales off Sakhalin Island, Russia. Paper SC/58/E4 presented to the IWC Scientific Committee. 12pp.

**Weller**, D.W., Tsidulko, G.A., Ivashchenko, Y.V., Burdin, A.M. and Brownell, R.L., Jr. 2006. A re-evaluation of the influence of 2001 seismic surveys on western gray whales off Sakhalin Island, Russia. Paper SC/58/E5 of the IWC Scientific Committee. 8pp.

**Weller**, D.W., Burdin, A.M., Bradford, A.L., Lang, A.R., Tsidulko, G.A., Kim, H.W. and Brownell, R.L., Jr. 2006. Status of western gray whales off Sakhalin Island Russia, in 2005. Paper SC/58/BRG3 presented to the IWC Scientific Committee. 10pp.

**Weller**, D.W., Bradford, A.L., Tsidulko, G.A., Ivashchenko, Y.V., Lang, A.R., Kim, H.W., Rickards, S.H., Burdin, A.M. and Brownell, R.L., Jr. 2006. Western gray whales off Sakhalin Island, Russia: A catalog of photo-identified individuals. Paper SC/58/BRG2 presented to the IWC Scientific Committee. 165pp.

Bradford, A.L., **Weller**, D.W., Burdin, A.M., Ivashchenko, Y.V. and Brownell, R.L., Jr. 2006. Anthropogenic scarring of western gray whales (*Eschrichtius robustus*): a preliminary report. Paper SC/58/BRG12 presented to the IWC Scientific Committee. 14pp.

Cooke, J.G., **Weller**, D.W., Bradford, A.L., Burdin, A.M. and Brownell, R.L., Jr. 2006. Population assessment of Western Gray Whales in 2006. Paper SC/58/BRG30 presented to the IWC Scientific Committee. 10pp.

**Weller**, D. W., Burdin, A.M., Bradford, A.L., Ivashchenko, Y.I., Tsidulko, G.A., Lang, A.R. and Brownell, R.L., Jr. 2005. Status of western gray whales off northeastern Sakhalin Island, Russia, in 2004. Paper SC/57/BRG1 presented to the IWC Scientific Committee. 10pp.

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Lang, A.R., **Weller**, D.W., Leduc, R.G., Burdin, A.M. and Brownell, R.L., Jr. 2005. Genetic assessment of the western gray whale population: current research and future directions. Paper SC/57/BRG14 presented to the IWC Scientific Committee. 14pp.

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Lang, A.R., **Weller**, D.W., Leduc, R.G., Burdin, A.M., Hyde, J. and Brownell, R.L., Jr. 2004. Genetic differentiation between western and eastern gray whale populations using microsatellite markers Paper SC/56/BRG38 presented to the IWC Scientific Committee. 15pp

**Weller**, D.W., Burdin, A.M., Ivashchenko, Y.V., Tsidulko, G.A., Brownell, R.L., Jr. 2003. Summer sightings of western gray whales in the Okhotsk and western Bering Seas. Paper SC/55/BRG9 submitted to the International Whaling Commission.

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## CONTRACT AND TECHNICAL REPORTS

**Weller**, D.W., Bradford, A.L., Lang, A.R., Kim, H.W., Krukova, N., Tsidulko, G.A., Burdin, A.M. and Brownell, R.L., Jr. 2007. Western gray whales off Sakhalin Island, Russia: A joint Russia-U.S. scientific investigation July – September 2006. Final contract report to International Fund for Animal Welfare. 71 pp.

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